

IN THE UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF DELAWARE

WYETH,

Plaintiff,

v.

IMPAX LABORATORIES, INC.,

Defendant.

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C.A. No.: 06-222 (JJF)

**WYETH'S OPPOSITION TO DEFENDANT'S MOTION TO
COMPEL PRODUCTION OF DOCUMENTS**

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August 17, 2006

Impax's Request for Materials from the Teva Litigation Is Overly Broad and Unreasonable

Impax has demanded production of every scrap of paper from a litigation involving both a different party and product than this case. Yet Impax has failed to articulate any relevance for documents concerning issues other than claim construction or validity of the patents in suit. Information regarding Teva, its product, and its infringement is simply irrelevant to this litigation.

Wyeth agreed in its responses to Impax's document requests and interrogatories to produce deposition transcripts of Wyeth's fact witnesses, exhibits from those depositions and Teva's 35 U.S.C. § 282 Notice. *See Matterer Decl., Ex. 7, Resp. at pp. 10 and 12.* Wyeth also has no objection to producing Markman briefing; portions of expert reports, expert depositions and contention interrogatory answers concerning validity; and Teva's proposed amended answer on enforceability *once Teva has redacted its confidential information or given Wyeth permission to produce it.* Teva confidential information appears throughout the pleadings and transcripts. Significantly, documents were marked confidential as a whole, not by page and line number as Impax implies, requiring Teva to do much of the painstaking and time consuming line by line redaction of its own confidential information. Impax should not be allowed to jeopardize Wyeth's compliance with the protective order in the Teva litigation by forcing Wyeth to make decisions concerning the confidentiality of Teva information.

The Court Should Permit Wyeth to Produce Electronic Documents in TIFF Format

Impax wrongly states that it is "improper" for Wyeth to produce electronic documents in image-file TIFF format. The Default Standard for Discovery of Electronic Documents specifically states when the parties cannot agree on a format, "electronic documents shall be produced to the requesting party as image files (*e.g.*, PDF or TIFF)." Only after such production may a party then attempt to demonstrate a particularized need for production of electronic documents in their native format. Impax's request is both premature and devoid of any demonstrated "particularized need" for any of the metadata Impax seeks.

Furthermore, the very case on which Impax relies recognizes the "reality that most of the metadata has no evidentiary value, and any time (and money) spent reviewing it is a waste of

resources.”” *Williams* at 651 (quoting *The Sedona Principles for Electronic Document Production*). Contrary to Impax’s position, there is a presumption *against* production of metadata. *Id.* (“[I]t is likely to remain the exceptional situation in which metadata must be produced.”). The *Williams* court required production of metadata for certain identified excel spreadsheets, central to the heart of the dispute, because the defendant made a particularized showing that it needed the metadata to understand the documents. *Id.* at 652. It specifically distinguished such relevant metadata from other irrelevant metadata, such as those associated with word processing applications, “where the metadata is usually not critical to understanding the substance of the document.” *Id.* at 647. Impax simply has not established either any relevance of the requested metadata or any need that would outweigh the enormous burden of collecting and producing such information. *See* Pollock Decl. at ¶ 15-18.

Impax offers no authority whatsoever for its demand that Wyeth produce objective coding created not in the ordinary course of business, but at the request of outside counsel in connection with the Teva litigation. The coding was done at great expense to Wyeth and was not provided to Teva. Pollock Decl. at ¶ 17. Impax has no particularized need for this information as it is something that litigation counsel would normally create at their own expense.

Impax Should Bear the Cost of Copying Documents It Has Requested

Impax’s citation to Fed. R. Civ. P. 54(d)(1) misses the point. At this stage, Wyeth is simply requesting reimbursement of its expenses in providing a production copy to Impax. It is boilerplate law that “[a] party producing documents will ordinarily not be put to the expense of making copies for the requesting party.” *Moore’s Federal Practice-Civil* § 34.14.5 (2006). As the court made clear in *Obiajulu v. City of Rochester, Dep’t. of Law*, 166 F.R.D. 293, 297 (W.D.N.Y. 1996), Fed. R. Civ. P. 34 allows a requesting party “‘to inspect and copy’ relevant documents and does not require a responding party to pay for copying costs of voluminous materials.”

Impax’s argument that “Wyeth initiated this lawsuit and is a much larger company than Impax with much greater resources” does not shift the expense to Wyeth. Impax initiated this

lawsuit by filing its ANDA with a Paragraph IV certification. Impax, moreover, is not a “Mom & Pop” organization, but rather is a major corporation doing business throughout the United States, having current market capitalization of nearly \$300 million. Loudon Decl., Ex. 1.

In sum, Rule 34 merely requires a producing party to make documents available for inspection. Nothing in the Federal Rules requires that Impax get free copies at Wyeth’s expense, and indeed the case law squarely holds to the contrary. Impax should be ordered to reimburse Wyeth.

Impax’s Request for Unlimited Foreign and Post-Patent Issuance Discovery Should Be Denied

As detailed in the Pollock Decl. at ¶ 3-14, Wyeth has already gone to great lengths to collect over 1.3 million pages from numerous U.S. and foreign facilities. Impax’s insistence that Wyeth redo and greatly expand this search to encompass the approximately 60 foreign countries in which Wyeth maintains one or more business facilities is simply unreasonable. The inventors and relevant documents pertaining to conception and reduction to practice were and still are located in the United States. Not surprisingly, Impax has not articulated why it needs discovery from Wyeth’s foreign locations. Although Impax notes that Study 600B-367-EU took place in Europe, Wyeth already collected and will produce the relevant documents relating to that study. *See* Pollock Decl. at ¶ 8. Impax simply has not established either the relevance of additional foreign discovery or any need that would outweigh the enormous burden of collecting and producing such documents.

Moreover, the cases Impax cites do not compel world-wide discovery of Wyeth. In *Avery Dennison Corp.*, the court compelled production from two out of state agents—a far less onerous burden than the extensive international discovery that Impax demands here. Similarly, in *Manville Sales Corp.*, the court compelled foreign production for specific interrogatory responses on limited topics. *Manville Sales* does not support the proposition that foreign production is required for every single request, let alone from the approximately 60 countries in which Wyeth maintains one or more facilities. To the contrary, *Manville Sales* emphasizes that courts “should not neglect their power to restrict discovery where justice requires (protection for) a party . . . (from) oppression or undue burden or expense.” *Id.* at *2.

With respect to prosecution of foreign counterparts to the patents-in-suit, which Impax raises for the first time in its motion to compel, such documents are irrelevant to claim construction because the legal standards for patentability and infringement as well as the claims themselves differ from country to country. *See Pfizer, Inc. v. Ranbaxy Labs. Ltd.*, No. 06-1179, 2006 WL 2137244, at *4 (Fed. Cir. Aug. 2, 2006). Nevertheless, Wyeth will agree to update to March 2006 its previous production of correspondence to or from the approximately 75 foreign patent offices in which counterpart cases have been filed, as kept in Wyeth's U.S. patent department's files. As in the Teva litigation, Wyeth will not agree to list other foreign prosecution documents on a withheld document log. *See Pollock Decl.* ¶ 9. The burden on Wyeth to collect, screen, translate and log all such privileged documents far outweighs any questionable relevance the documents might have.

Finally, the patents in suit were filed in 1996 and issued in either 2001 or 2002. Subsequently created Wyeth documents are thus largely irrelevant and Impax has not articulated any basis for Wyeth to recreate the large document collection effort involving over 200 people, resulting in the production of about 1.3 million pages. As demonstrated in *Pollock Decl.* at ¶ 3-14 and *Matterer Decl. Ex. 11*, Wyeth's prior searches were reasonably calculated to collect the documents relevant to this litigation. The amount of time and money required to perform a broad update of this collection in the U.S. alone would be enormous, particularly when weighed against the likelihood of finding relevant material. It simply could not be done before the October 2006 deadline for document production in this case. Significantly, Wyeth has agreed to produce certain categories of relevant documents generated after February 2003, such as summary documents reflecting annual sales for Effexor® XR in the U.S. relating to commercial success; non-privileged documents concerning Impax's product and its infringement of the patents-in-suit; non-privileged documents concerning any Wyeth policy or practice regarding "charging other persons with patent infringement" or "enforcing patents;" and foreign prosecution of counterparts to the patents-in-suit and certain documents from the Teva litigation as outlined above. Impax has not demonstrated any need for any documents beyond these.

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August 17, 2006

CERTIFICATE OF SERVICE

I, the undersigned, hereby certify that on August 17, 2006 I electronically filed the foregoing with the Clerk of the Court using CM/ECF, which will send notification of such filing(s) to the following:

Mary B. Matterer
MORRIS, JAMES, HITCHENS & WILLIAMS, LLP

I also certify that copies were caused to be served on August 17, 2006 upon the following in the manner indicated:

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EXHIBIT A

Westlaw.

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HBriefs and Other Related Documents

Only the Westlaw citation is currently available.

United States Court of Appeals, Federal Circuit.

PFIZER, INC., Pfizer Ireland Pharmaceuticals,

Warner-Lambert Company, Warner-Lambert Company, LLC, and Warner-Lambert Export, Ltd.,

Plaintiffs-Appellees,

v.

RANBAXY LABORATORIES LIMITED and
Ranbaxy Pharmaceuticals, Incorporated, Defendants-
Appellants.

No. 06-1179.

Aug. 2, 2006.

Appealed from: United States District Court for the
District of Delaware. Judge Joseph J. Farnan, Jr.Rudolf E. Hutz, Connolly Bove Lodge & Hutz LLP,
of Wilmington, Delaware, argued for plaintiffs-
appellees. With him on the brief were Jeffrey B.
Bove, Collins J. Seitz, Jr., Mary W. Bourke, and
William E. McShane.William R. Zimmerman, Knobbe, Martens, Olson &
Bear, LLP, of Irvine, California, argued for
defendants-appellants. With him on the brief were
Darrell L. Olson, John P. Giezantner, Douglas G.
Muehlhauser, and Payson LeMeilleur, of Irvine,
California; and Joseph M. Reisman and Darryl H.
Steensma, of San Diego, California. Of counsel on
the brief were Jay R. Deshmukh and George E.
Heibel, Ranbaxy, Inc., of Princeton, New Jersey.Before MICHEL, Chief Judge, SCHALL and DYK,
Circuit Judges.MICHEL, Chief Judge.

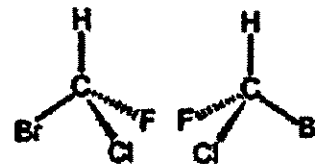
***1** In this patent case concerning the prescription drug Lipitor[®], which is used to reduce low-density lipoprotein (LDL) cholesterol levels, defendants-appellants Ranbaxy Laboratories Limited and Ranbaxy Pharmaceuticals, Inc. (collectively "Ranbaxy") appeal from a final judgment of the United States District Court for the District of Delaware. Plaintiffs-appellees Pfizer Inc., Pfizer Ireland Pharmaceuticals, Warner-Lambert Co., Warner-Lambert Co. LLC, and Warner-Lambert Export, Ltd. (collectively "Pfizer") filed four complaints, later consolidated into a single action, alleging that the product described in Ranbaxy's

Abbreviated New Drug Application ("ANDA") No. 76-477 infringed United States Patent Nos. 4,681,893 and 5,273,995 under 35 U.S.C. § 271(e)(2). Ranbaxy appeals the following rulings by the district court: (1) that claim 1 of the '893 patent was infringed; (2) that the '893 patent term extension was not proven invalid; (3) that claim 6 of the '995 patent was infringed; (4) that claim 6 was not proven invalid for failure to comply with § 112, ¶ 4; as anticipated or obvious; or for non-statutory double patenting; and (5) that the '995 patent was not proven unenforceable due to inequitable conduct.

Because we agree with the district court's claim construction of claim 1 of the '893 patent, we affirm the finding of infringement. We also affirm the ruling that the '893 patent term extension was not invalid. With respect to the '995 patent, however, we reverse on the question of invalidity under § 112, ¶ 4 and find the other issues moot.

I. BACKGROUND

Stereochemistry is the study of the three-dimensional structure of molecules. Stereoisomers have the same molecular formula or atomic composition, but different spatial arrangements. Enantiomers are a pair of stereoisomers that are non-superimposable mirror images of each other and often have distinct physical properties.^{EN1} In organic chemistry, enantiomeric pairs include compounds that have one or more chiral centers, i.e., carbon atoms with four non-identical substituent atoms or groups of atoms. For example, the enantiomers of bromochlorofluoromethane are displayed here. A solid wedge is used to indicate that the chlorine atom is projecting out of the page, while a hashed line indicates that the fluorine atom is behind the page.



To distinguish between different enantiomers of the same compound, chemists use various naming conventions. Enantiomers are sometimes called optical isomers because a pure enantiomer rotates plane-polarized light in a particular direction. If the

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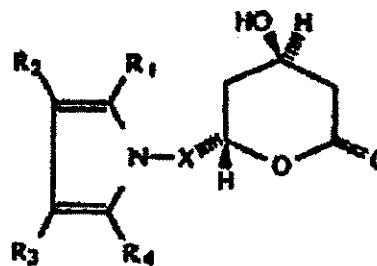
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light rotates clockwise, then that enantiomer is labeled “(+)” or “d” for dextrorotatory; its counterpart will rotate the light counterclockwise and is labeled “(-)” or “l” for levorotatory. A racemate (or racemic mixture) is an equal mixture of two enantiomers. A racemate is labeled “(±)” because it is not optically active (i.e., will not rotate plane-polarized light in either direction since its constituent enantiomers cancel each other out). Another system labels biochemical molecules “D” or “L” (unrelated to the labels “d” and “l”, described above) by reference to the isomers of glyceraldehyde. Yet another nomenclature system labels each chiral center “R” or “S” according to Cahn-Ingold-Prelog priority rules.^{FN2} Racemates are designated “RS” because they are comprised of both R-enantiomers and S-enantiomers.

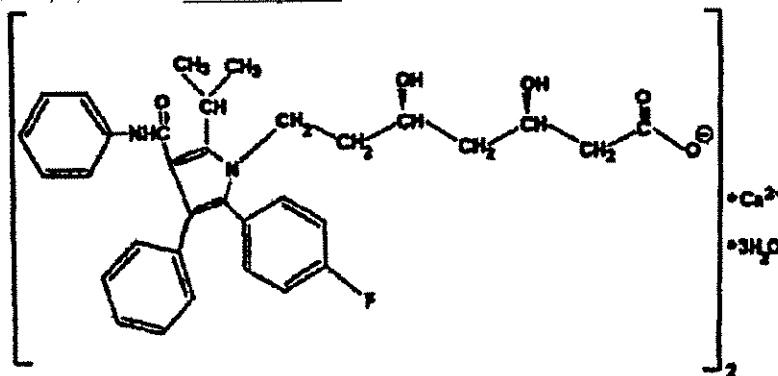
*2 The terms “cis” and “trans” refer to the relative spatial arrangement of two particular substituents: “cis” means they are on the same side of a plane, while “trans” means they are on opposite sides. In organic compounds, the “plane” is typically a central ring structure. If there are two chiral centers on the aromatic ring, then there are four possible isomers: R-trans, S-trans, R-cis and S-cis. An equal mixture of R-trans and S-trans enantiomers is called the trans-racemate. An equal mixture of R-cis and S-cis enantiomers is called the cis-racemate.

Claim 1 is the only independent claim. It recites a compound having structural formula I (as shown), where there is a pyrrole ring on the left with four substituent groups (labeled R1, R2, R3, and R4), a pyran (or lactone) ring on the right and an alkyl chain (labeled X) joining the two rings. Claim 1 expressly defines the possible substituent groups represented by X, R1, R2, R3, and R4. Claim 1 also covers “a hydroxyl acid or pharmaceutically acceptable salts thereof, corresponding to the opened lactone ring of the compounds of structural formula I above.”



Originally, the '893 patent was to expire on May 30, 2006, but Pfizer filed for a patent term extension pursuant to 35 U.S.C. § 156. Pfizer presented evidence that the active ingredient in Lipitor[®] is atorvastatin calcium or [R-(R*,R*)]-2-(4-fluorophenyl)-<<beta>>,<<delta>>-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrole-1-heptanoic acid, calcium salt (2:1) trihydrate. Its structural formula is:

Pfizer asserted claims 1-4, 8, and 9 of the '893 patent.



On July 15, 1998, the United States Patent and Trademark Office (“PTO”) agreed that this compound was within the scope of the '893 patent and extended the patent term to September 24, 2009.

As for the '995 patent, Pfizer only asserted dependent claim 6.^{FN3} The relevant claims are:

1. [R-(R*,R*)]-2-(4-fluorophenyl)-<<beta>>,<<delta>>-dihydroxy-5-(1-methylethyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrole-1-heptanoic acid^{FN4} or (2R-trans)-5-(4-fluorophenyl)-2-(1-methylethyl)-N,4-diphenyl-1-[2-(tetrahydro-4-hydroxy-6-oxo-2H-pyran-2-yl)ethyl]-1H-pyrrole-3-carboxamide;^{FN5} or pharmaceutically acceptable salts thereof.
2. A compound of claim 1 which is [R-(R*,R*)]-2-

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(4-fluorophenyl)-<<beta>>-<<delta>>-dihydroxy-5-(1-methyle thyl)-3-phenyl-4-[(phenylamino)carbonyl]-1H-pyrrole-1-heptanoic acid.

6. The hemicalcium salt of the compound of claim 2.

A bench trial commenced on November 30, 2004. The district court issued its findings of fact and conclusions of law on December 16, 2005, concluding that both patents were infringed, not invalid and not unenforceable. *Pfizer Inc. v. Ranbaxy Labs.*, 405 F.Supp.2d 495 (D.Del.2005). Judgment was entered on January 4, 2006. The next day, Ranbaxy filed its notice of appeal. We have jurisdiction pursuant to 28 U.S.C. § 1295(a)(1).

II. DISCUSSION

*3 Following a bench trial, a district court's conclusions of law are reviewed de novo while its findings of fact are reviewed for clear error. *Allen Eng'g Corp. v. Bartell Indus., Inc.*, 299 F.3d 1336, 1343-44 (Fed.Cir.2002). A factual finding is clearly erroneous if, despite some supporting evidence, "the reviewing court on the entire evidence is left with the definite and firm conviction that a mistake has been committed." *United States v. U.S. Gypsum Co.*, 333 U.S. 364, 395, 68 S.Ct. 525, 92 L.Ed. 746 (1948).

A. '893 Patent.

1. Correct Claim Construction.

Claim construction is a question of law reviewed de novo. *Cybor Corp. v. FAS Techs., Inc.*, 138 F.3d 1448, 1454-56 (Fed.Cir.1998) (en banc). We

determine the ordinary and customary meaning of claim terms as understood by a person of ordinary skill in the art, using the methodology first set forth in *Vitronics Corp. v. Conceptionics, Inc.*, 90 F.3d 1576, 1582-83 (Fed.Cir.1996), and reaffirmed in *Phillips v. AWH Corp.*, 415 F.3d 1303, 1312-19 (Fed.Cir.2005) (en banc). The subsequent infringement analysis is reviewed "for clear error if performed by the court and for substantial evidence if performed by a jury." *Young Dental Mfg. Co. v. Q3 Special Prods.*, 112 F.3d 1137, 1141 (Fed.Cir.1997).

The parties agree that under the district court's claim construction, Ranbaxy's ANDA product infringes claim 1. On appeal, Ranbaxy argues that the district court erred in construing structural formula I "to embrace all trans-form isomers, including enantiomeric atorvastatin calcium" in lieu of accepting its proffered construction limiting claim 1 to racemates. *Pfizer*, 405 F.Supp.2d at 507. Instead, Ranbaxy contends that structural formula I is limited to racemates, because (1) one skilled in the art would represent a racemate by depicting one of its constituent enantiomers; (2) the specification only discloses reaction sequences that produce racemates; (3) during prosecution of foreign counterparts to the '893 patent, the patentee represented that its references to "trans" should be read as "trans-(±);" and (4) during prosecution of the '995 patent, the patentee argued that the '893 patent was limited to mixtures of enantiomers rather than the R-isomer. Thus, Ranbaxy argues, its ANDA product does not infringe claim 1 of the '893 patent because it is the R-enantiomer of atorvastatin calcium. We disagree.

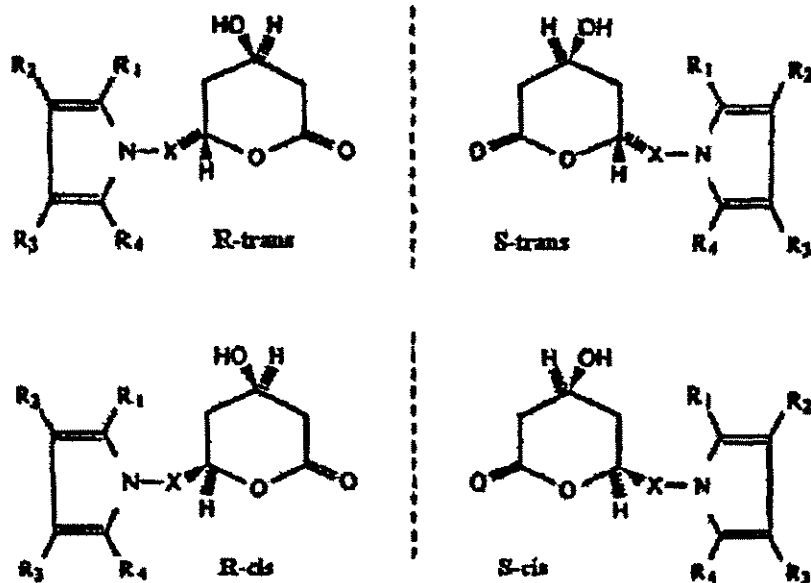
It is undisputed that the drawing in claim 1 depicts an R-trans enantiomer. All four isomers of structural formula I are shown here.

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(equal or unequal) mixtures thereof.

These compounds are labeled “R” and “S” based on the stereochemistry of the chiral center at the top (i.e., 4-hydroxy position) of the pyran-2-one ring. The “cis” and “trans” designations refer to the spatial relationship between the hydroxyl group (-OH) and the alkylpyrrole group relative to the plane of the pyran-2-one ring.

The district court correctly observed that the '893 patent consistently describes the invention as a class of “trans” compounds. The specification of the '893 patent explains at col. 3, ll. 45-54:

*4 The compounds of structural formula I above possess two asymmetric carbon centers ... [which] gives rise to four possible isomers, two of which are the R-cis- and S-cis-isomers and the other two of which are the R-trans- and S-trans-isomers. This invention contemplates only the trans-form of the compounds of formula I above.

We read this language to mean that the invention would otherwise encompass all four isomers of the compounds of structural formula I, but for the patentee's express disclaimer of the R-cis- and S-cis-isomers. There is no further disavowal of claim scope that would limit the '893 patent to trans-racemates. Indeed, as noted by the district court, the terms “racemate” or “racemic mixture” do not appear in the '893 patent; nor is claim 1, unlike claim 5, limited by a “trans-(±)” designation. In sum, the district court correctly found that no intrinsic evidence limits claim 1 of the '893 patent to trans-racemates, as opposed to an R-trans enantiomer, an S-trans enantiomer or any

We are not persuaded by Ranbaxy's arguments to the contrary. First, even accepting Ranbaxy's contention that a racemate is commonly represented by depicting one of its constituent enantiomers, it does not follow that the depiction of an R-enantiomer always represents *only* a racemate. Here, only an R-trans enantiomer is depicted in the '893 patent, yet the specification expressly indicates that there are four possible isomers of the compounds of structural formula I and limits the invention to the trans-form. If one skilled in the art would have understood the drawing of structural formula I to limit the scope of claim 1 to trans-racemates, then an express disclaimer of the cis-form would not have been necessary.

Second, while the examples do describe reaction sequences that produce racemates, restricting claim 1 on this basis would improperly import limitations from the specification into the claims, which should be avoided unless the patentee clearly “intends for the claims and the embodiments in the specification to be strictly coextensive.” *Phillips*, 415 F.3d at 1323. But here, the specification, at col. 10, ll. 36-38, states that “[t]hese examples are illustrative and are not to be read as limiting the scope of the invention as it is defined by the appended claims.”

Third, we agree with the district court's conclusion that the statements made during prosecution of foreign counterparts to the '893 patent are irrelevant to claim construction because they were made in response to patentability requirements unique to Danish and European law. See *TI Group Auto. Sys.*

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(*N. Am.*, *Inc. v. VDO N. Am. LLC*, 375 F.3d 1126, 1136 (Fed.Cir.2004). Likewise, statements made during prosecution of the later, unrelated '995 patent cannot be used to interpret claims of the '893 patent. See *Goldenberg v. Cytogen, Inc.*, 373 F.3d 1158, 1167-68 (Fed.Cir.2004) (finding statements in another patent or its prosecution history irrelevant to claim construction "[a]bsent a formal relationship or incorporation during prosecution" of the patent at issue); cf. *Abbott Labs. v. Dey L.P.*, 287 F.3d 1097, 1104-05 (Fed.Cir.2002) (finding arguments made during prosecution of a commonly-owned but unrelated patent did not create prosecution history estoppel). Finally, insofar as Ranbaxy restates the same argument under the guise of judicial estoppel, we are not persuaded.

*5 Because claim 1 was correctly construed to include the enantiomeric trans-forms of the compounds of structural formula I, we affirm the finding of infringement.

2. Term Extension.

Under the Hatch-Waxman Act, if a patented product has been subject to a regulatory review period before its commercial marketing or use, an extension of the patent term may be obtained. 35 U.S.C. § 156(c). In applying for a patent extension, the patentee has a duty of candor and good faith towards the PTO and must disclose any "material information adverse to a determination of entitlement to the extension sought." 37 C.F.R. § 1.765(a). The Director of the PTO is charged with deciding whether the patent is entitled to term extension, a decision which is given "great deference." *Glaxo Operations UK Ltd. v. Quigg*, 894 F.2d 392, 399 (Fed.Cir.1990).

On appeal, Ranbaxy asserts that, when correctly construed, the '893 patent does not cover enantiomeric atorvastatin calcium, i.e., the active ingredient in Lipitor[®], so it was not eligible for a patent term extension under 35 U.S.C. § 156. In the alternative, Ranbaxy argues that the term extension is invalid due to inequitable conduct because Pfizer failed to disclose the statements Warner-Lambert made during prosecution of the '995 patent and the foreign counterparts to the '893 patent.

Ranbaxy's first argument depends on its proffered claim construction, which we have already rejected. As to its allegations of inequitable conduct, the district court found that the allegedly withheld information was not material, and consequently did

not need to be disclosed to the PTO, because those statements were "irrelevant to a determination of the scope of the claims of the '893 patent." *Pfizer*, 405 F.Supp.2d at 512. This factual finding was not clearly erroneous. We thus agree that Ranbaxy failed to establish by clear and convincing evidence that the term extension was invalid.

B. '995 Patent.

With respect to the '995 patent, numerous issues have been raised on appeal. Rather than considering them in the order presented by the appellants, we first direct our attention to the question of validity under 35 U.S.C. § 112, ¶ 4, which provides:

Subject to the following paragraph [concerning multiple dependent claims], a claim in dependent form shall contain a reference to a claim previously set forth and then specify a further limitation of the subject matter claimed. A claim in dependent form shall be construed to incorporate by reference all the limitations of the claim to which it refers.

As described above, Pfizer only asserted dependent claim 6 of the '995 patent. This claim reads: "The hemicalcium salt of the compound of claim 2." Claim 2, in turn, is dependent on claim 1, which recites the following compounds: (1) atorvastatin acid; or (2) atorvastatin lactone; or (3) pharmaceutically acceptable salts thereof. Claim 2 itself, however, only recites atorvastatin acid. Notably, it does *not* include the pharmaceutically acceptable salts of atorvastatin acid.^{FN6} Ranbaxy asserts that the district court erred in refusing to invalidate claim 6, even though it does not "incorporate by reference all the limitations of the claim to which it refers" and "then specify a further limitation of the subject matter," as required by § 112, ¶ 4. In other words, claim 6 does not narrow the scope of claim 2; instead, the two claims deal with non-overlapping subject matter.

*6 The district court explicitly recognized that "there may be a technical problem in the drafting of claim 6." *Pfizer*, 405 F.Supp.2d at 508. Yet, it declined to find that "this drafting problem is sufficient to render the claim invalid if the claim is read consistently with its meaning to those skilled in the art" because it was unable to find any Federal Circuit precedent applying § 112, ¶ 4 to invalidate a patent. *Id.* at 508-09. The district court understood § 112, ¶ 4 "to be limited to matters of form, rather than matters of substance," noting that the PTO treats a claim that fails to comply with this provision "as a matter to be addressed

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through an objection” rather than rejected as unpatentable. *Id.* at 509. In any event, it emphasized that no objections were made to claim 6, (or any of the other similarly-worded dependent claims), during prosecution. *Id.* at 509 n. 7.

It is true that at the time the district court wrote its opinion, there was no applicable Federal Circuit precedent. More recently, however, we have suggested that a violation of § 112, ¶ 4 renders a patent invalid just as violations of other paragraphs of § 112 would. *Curtiss-Wright Flow Control Corp.*, 438 F.3d 1374, 1380 (Fed.Cir.2006). In *Curtiss-Wright*, the issue was one of claim differentiation. The court reasoned that “reading an additional limitation from a dependent claim into an independent claim would not only make that additional limitation superfluous, it might render the dependent claim invalid” for failing to add a limitation to those recited in the independent claim, as required by 35 U.S.C. § 112, ¶ 4. *Id.* Indeed, “[i]nvalidity of the patent or any claim in suit for failure to comply with any requirement of sections 112 or 251 of this title” is expressly included among the available defenses to an infringement suit. 35 U.S.C. § 282(3) (emphasis added).

We recognize that the patentee was attempting to claim what might otherwise have been patentable subject matter.^{FN7} Indeed, claim 6 could have been properly drafted either as dependent from claim 1 or as an independent claim—i.e., “the hemicalcium salt of atorvastatin acid.” But, we “should not rewrite claims to preserve validity.” *Nazomi Commc’ns, Inc. v. Arm Holdings, PLC*, 403 F.3d 1364, 1368 (Fed.Cir.2005); see also *Rhine v. Casio, Inc.*, 183 F.3d 1342, 1345 (Fed.Cir.1999) (“[I]f the only claim construction that is consistent with the claim’s language and the written description renders the claim invalid, then ... the claim is simply invalid.”). Ranbaxy correctly argues that claim 6 fails to “specify a further limitation of the subject matter” of the claim to which it refers because it is completely outside the scope of claim 2. We must therefore reverse the district court with respect to this issue and hold claim 6 invalid for failure to comply with § 112, ¶ 4.

Although the district court was reluctant to find the fourth paragraph of § 112 to be an invalidating provision, doing so does not exalt form over substance. Rather, it is consistent with the overall statutory scheme that requires applicants to satisfy certain requirements before obtaining a patent, some of which are more procedural or technical than others. See, e.g., 35 U.S.C. § 102(b) & (d)

(establishing statutory one-year bars to patentability); 35 U.S.C. § 111(a)(2)(C) (requiring submission of an oath by the applicant); 35 U.S.C. § 111(a)(3) (requiring submission of a fee with the application); 35 U.S.C. § 116 (requiring joint inventors to apply for a patent jointly).

*7 In light of this holding, appellants’ remaining arguments concerning the ‘995 patent are rendered moot. We therefore decline to reach the remaining issues raised.

III. CONCLUSION

For the aforementioned reasons, we affirm-in-part, reverse-in-part and remand so the district court can modify the permanent injunction in a manner consistent with this opinion.

AFFIRMED-IN-PART, REVERSED-IN-PART and REMANDED.

FN1. Thalidomide is a well-known example: one enantiomer is effective against morning sickness while the other causes birth defects.

FN2. These rules are briefly summarized as follows. Each substituent is assigned a “priority” based on the molecular weight of the atom closest to the chiral center. If more than one substituent starts with the same type of atom, then the molecular weight of the next closest atom is used as a tiebreaker, so an ethyl group (-C₂H₅) has a higher priority than a methyl group (-CH₃). If there are multiple bonds, the atoms are counted once for each bond so a vinyl group (-CH=CH₂) has a higher priority than an ethyl group (-C₂H₅). The lowest priority (i.e., lowest molecular weight) substituent is then pointed away from the viewer. If the remaining three substituents are arranged from highest priority to lowest priority in a clockwise direction, then the molecule is labeled “R.” If counterclockwise, then it is labeled “S.”

FN3. At oral argument, counsel for Ranbaxy revealed that Pfizer had entered into a covenant not to sue under independent claim 1 of the ‘995 patent. The parties also stipulated that claim 6 was a dependent

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claim.

FN4. This compound is also known as atorvastatin acid.

FN5. This compound is also known as atorvastatin lactone.

FN6. Theoretically, a claimed acid could be liberally construed to include the corresponding salts. *See Merck & Co., Inc. v. Teva Pharms. USA, Inc.*, 347 F.3d 1367, 1372 (Fed.Cir.2003). But here, given the absence of the “pharmaceutically acceptable salts thereof” language which was used in claim 1, the intrinsic evidence would not have supported such an interpretation of claim 2.

FN7. The district court found that claim 6 was unambiguous to the extent that the patentee intended to claim the hemicalcium salt of atorvastatin acid. *Pfizer*, 405 F.Supp.2d at 507. The court further recognized that “[a]s a matter of standard chemical nomenclature, chemists typically refer to a salt of an acid, even though they are aware that the complete acid is technically no longer present in the salt form.” *Id.* at 508.

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